

WEST Search History

DATE: Friday, April 26, 2002

Set Name Query side by side

Hit Count Set Name result set

DB=USPT,PGPB,DWPI; PLUR=YES; OP=OR

L39	vaccine and ((multiple or plural) same antigen)	5	L39
L38	L35	625	L38
L37	L36	16	L37

DB=USPT; PLUR=YES; OP=OR

L36	L35 and L29	16	L36
L35	multivalent same vaccine	625	L35
L34	L29 and L32	2	L34
L33	L31 and L32	22	L33
L32	tetanus and diptheria and pertussis	99	L32
L31	trivalent or multivalent adj10 vaccine	17994	L31
L30	L28 and L29	2	L30
L29	(hepatitus same B) and vaccine	76	L29
L28	L26 and L27	96	L28
L27	tetanus and diptheria and vaccine	183	L27
L26	(pertussis or 69K or pertactin) and vaccine	1336	L26

DB=USPT,PGPB,DWPI; PLUR=YES; OP=OR

L25	vaccine and ((multiple or plural) same antigen)	5	L25
L24	L21	625	L24
L23	L22	16	L23

DB=USPT; PLUR=YES; OP=OR

L22	L21 and L15	16	L22
L21	multivalent same vaccine	625	L21
L20	L15 and L18	2	L20
L19	L17 and L18	22	L19
L18	tetanus and diptheria and pertussis	99	L18
L17	trivalent or multivalent adj10 vaccine	17994	L17
L16	L14 and L15	2	L16
L15	(hepatitus same B) and vaccine	76	L15
L14	L12 and L13	96	L14
L13	tetanus and diptheria and vaccine	183	L13
L12	(pertussis or 69K or pertactin) and vaccine	1336	L12

WEST Search History

DATE: Friday, April 26, 2002

Set Name Query side by side

Hit Count Set Name result set

DB=USPT,PGPB,DWPI; PLUR=YES; OP=OR

L40 tetanus and diphtheria and pertussis 8 L40

L39 vaccine and ((multiple or plural) same antigen) 5 L39

L38 L35 625 L38

L37 L36 16 L37

DB=USPT; PLUR=YES; OP=OR

L36 L35 and L29 16 L36

L35 multivalent same vaccine 625 L35

L34 L29 and L32 2 L34

L33 L31 and L32 22 L33

L32 tetanus and diptheria and pertussis 99 L32

L31 trivalent or multivalent adj10 vaccine 17994 L31

L30 L28 and L29 2 L30

L29 (hepatitus same B) and vaccine 76 L29

L28 L26 and L27 96 L28

L27 tetanus and diptheria and vaccine 183 L27

L26 (pertussis or 69K or pertactin) and vaccine 1336 L26

DB=USPT,PGPB,DWPI; PLUR=YES; OP=OR

L25 vaccine and ((multiple or plural) same antigen) 5 L25

L24 L21 625 L24

L23 l22 16 L23

DB=USPT; PLUR=YES; OP=OR

L22 L21 and l15 16 L22

L21 multivalent same vaccine 625 L21

L20 L15 and l18 2 L20

L19 L17 and l18 22 L19

L18 tetanus and diptheria and pertussis 99 L18

L17 trivalent or multivalent adj10 vaccine 17994 L17

L16 L14 and l15 2 L16

L15 (hepatitus same B) and vaccine 76 L15

L14 l12 and l13 96 L14

L13 tetanus and diptheria and vaccine 183 L13

=> d his 15-113

(FILE 'DGENE, CAPLUS, BIOSIS, MEDLINE, SCISEARCH, EMBASE' ENTERED AT 14:07:40 ON 26 APR 2002)

L5 4250 S MULTIVALENT AND VACCINE
L6 75 S PERTUSSIS AND TETANUS AND DIPHTHERIA
L7 0 S L5 AND L6
L8 59 S VACCINE AND L6

FILE 'DGENE, CAPLUS, BIOSIS, MEDLINE, SCISEARCH, EMBASE' ENTERED AT 14:18:15 ON 26 APR 2002

L9 9054 S PERTUSSIS AND DIPHTHERIA AND TETANUS
L10 25 S L5 AND L9
L11 8335 S L9 AND VACCINE
L12 1517 S L11 AND HEPATITIS
L13 2 S L12 AND 69K

=> d 113 1-2 bib, abs

L13 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS
AN 1998:323156 CAPLUS
DN 129:19687
TI Acellular **pertussis vaccine** with **diphtheria**
and **tetanus** toxoids
IN Florent, Patrick; Stephenne, Jean; Vandecasserie, Christian
PA Smithkline Beecham Biologicals S. A., Belg.; Florent, Patrick; Stephenne,
Jean; Vandecasserie, Christian
SO PCT Int. Appl., 26 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9819702	A1	19980514	WO 1997-EP6180	19971104
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9853196	A1	19980529	AU 1998-53196	19971104
	AU 710475	B2	19990923		
	EP 941117	A1	19990915	EP 1997-950137	19971104
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI			
	CN 1236321	A	19991124	CN 1997-199491	19971104
	BR 9712917	A	19991207	BR 1997-12917	19971104
	JP 2001503422	T2	20010313	JP 1998-521070	19971104
	ZA 9709984	A	19980723	ZA 1997-9984	19971106
	NO 9902156	A	19990504	NO 1999-2156	19990504
	KR 2000053092	A	20000825	KR 1999-704016	19990506
	US 2001014331	A1	20010816	US 2001-827785	20010406
PRAI	GB 1996-23233	A	19961107		
	WO 1997-EP6180	W	19971104		
	US 1999-284887	B1	19990527		
AB	The invention provides a diphtheria, tetanus and pertussis vaccine comprising a low dose of each of diphtheria toxoid (D), tetanus toxoid (T), pertussis toxin (PT), filamentous hemagglutinin (FHA) and				

pertactin (**69K**). The **vaccine** maintains an ability to prevent **pertussis** while showing exceptionally low reactogenicity. Combination **vaccines** comprising addnl. antigens are also provided.

L13 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2002 ACS

AN 1998:1387 CAPLUS

DN 128:74301

TI Monovalent **pertussis vaccine** and multivalent **vaccines** against **hepatitis** and Hib using pertactin

IN Slaoui, Moncef Mohamed; Stephenne, Jean

PA Smithkline Beecham Biologicals S.A., Belg.; Slaoui, Moncef Mohamed; Stephenne, Jean

SO PCT Int. Appl., 19 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9746255	A2	19971211	WO 1997-EP2956	19970529
	WO 9746255	A3	19980108		
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9731736	A1	19980105	AU 1997-31736	19970529
	EP 928198	A2	19990714	EP 1997-927150	19970529
	R:	BE, CH, DE, ES, FR, GB, IT, LI, NL			
	JP 2000511553	T2	20000905	JP 1998-500238	19970529
PRAI	GB 1996-11501	A	19960603		
	WO 1997-EP2956	W	19970529		

AB **Vaccine** compns. comprising the **69K** outer membrane protein of B. **pertussis** (pertactin) having 10-100 .mu.g of **69K** per 0.5 mL dose are described for the treatment of whooping cough. Also described are combination **vaccines** comprising 10-100 .mu.g of **69K** per 0.5 mL, esp. **vaccines** in which the **69K** component is formulated with filamentous hemagglutinin (FHA) and **pertussis** toxoid (PT), optionally in combination with one or more other antigens such as **hepatitis** B surface antigen, Haemophilus influenzae b (Hib), injectable polio (IPV) and **hepatitis** A. Methods for prepg. the **vaccines** are described.